

## RAW SEQUENCE LISTING

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DATE: 11/03/2004

PATENT APPLICATION: US/10/723,518

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 4 NELSON, MATTHEW ROBERTS  
 5 BRAUN, ANDREAS  
 6 KAMMERER, STEFAN M.  
 7 DENISSENKO, MIKHAIL F.  
 8 RENELAND, RIKARD  
 9 ATIENZA, JOSEPHINE M.  
 11 <120> TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF BREAST CANCER AND TREATMENTS  
 12 THEREOF  
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 17 <141> CURRENT FILING DATE: 2003-11-25  
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 20 <151> PRIOR FILING DATE: 2002-11-25  
 22 <150> PRIOR APPLICATION NUMBER: US 60/490,234  
 23 <151> PRIOR FILING DATE: 2003-07-24  
 25 <150> PRIOR APPLICATION NUMBER: US 60/504,258  
 26 <151> PRIOR FILING DATE: 2003-09-18  
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387	cctaaattac	cttgagattg	tgtattttga	actaatagaa	aactgtactt	aatgctgctg	10380
389	agcaatcact	tagcatttag	agtacaaaact	gaagagtctg	tttttcttaa	attacaaggc	10440
391	aaagtccctc	atgtgcaagc	aaacattttgg	ctgaaagtat	gcttctatar	tgcgctataa	10500
393	ggatgctatc	tacacacact	atgtggtctg	tggactgctg	ctgatcatgg	agggttttgg	10560
395	tactggcccc	tcttaaagaa	cttcaggata	taaatacaact	gtaccactaa	atatactgtt	10620
397	tatttcaact	aaatatacat	acataaatat	tgcaacatga	ttttctagat	gactaatgtt	10680
399	ctggcagact	cttaatctca	ttgtggagca	gtaccaaaga	gcctgcagac	tacctaagtt	10740
401	gattttatatg	gtgtttttaa	atgaatgggc	tatactcctt	attatatatt	tcacttgagc	10800
403	aacctagttc	tcagccacat	gctgcctaaa	tgacttttta	aagtccaagg	tgggtgcaag	10860
405	gcagcagttg	tgatgttccc	aggctatggt	gaaactatat	accagccata	acagaaacca	10920
407	caactatttt	aatactcatt	cacaactaag	tctgagataa	tggcacatcc	tcacacatag	10980
409	gtagaagtgg	ctctgaaact	aatttttggt	ttaaaataag	atattcatat	taaagataag	11040
411	cactattatt	agaattaaga	acagatgcta	ctgaaaattt	atccaatcca	taaccttttt	11100
413	tggctcttgaa	gaaattttaa	cagcttcaat	gctacctaaa	ggacacctta	ttttaaattt	11160
415	aaagggtttaa	gtaacatatc	cgatagagta	tcaaacagaa	gaataaattc	taagtcttaa	11220
417	acaacaacct	caatgatcca	gaaatttagga	agaaaaagaa	gaaaaaagac	cttcaacagt	11280
419	gtaaacatgc	cccaggaaaa	agaaattgat	tcctaaaaca	cctcttactt	tgtaaaaaga	11340
421	aaaagtcatt	taagccttca	ctcagctctaa	gtgttttagc	aaagttatgc	tttaccctgg	11400
423	tccaagtaaa	agaaaaacaa	aaacaaaacc	cagacaagtg	gaaaacatat	ggttatctga	11460
425	tttccaggcc	accacagata	cagaaaaggt	tatatcagaa	gcagacaata	acagcagtaa	11520
427	gaatcgctca	ctgaccacaa	gatagtaaaa	gcagctacac	gcaatttaga	agccaagcaa	11580
429	gaaatcagtg	taaggacaat	tccatgtcct	tcaaaacccc	acaagagagc	caatgagtta	11640
431	cagcgaagca	taaaatttga	tgttccctaat	gatgatcaat	accacgaaga	atatggtaaa	11700
433	attttgctta	tattctaaca	tttttaataa	actctgatgc	tcagcatcaa	ttaagtttagc	11760
435	cccaatatga	aaaataaagc	tggttgaggg	tttttgctaa	atctggaatg	aaaattatta	11820
437	attagtttac	ctcttctctc	tcctcatctt	ctttttcctt	ctcttttctc	ttctcttttt	11880
439	ctggcagaag	ttctaactct	ggtattagct	gacagatatt	tggaggttct	tctgggggaa	11940
441	gctctacagg	tggtatttcc	atctgctcta	cctgctgagg	cttaaagcaa	tacaaataag	12000
443	acaattttaag	atatatgctt	ttaaagtagc	ttatttttaa	tatgaaaata	cacagtggct	12060
445	gaagttttct	agtcaaaaag	aaatactgag	attatatctc	tatacttccc	cacaaggaaa	12120
447	aattttattac	agtatatatc	ttttttgatt	ttttataaaa	ctacattgaa	gtagcttaca	12180
449	aaagaaactg	actgcttctc	ctaaaccatg	tttcattttc	atacttactt	tttaggagtc	12240
451	aaatgctttt	taactactaa	agcttctgta	aggttattat	attgtaactt	ataaatcata	12300
453	agcttttcwet	ctgagagtct	tgaatgtctc	acggcgagca	ataataggag	tgaggacatt	12360
455	gctttttctgg	gtccacttcc	tatactcttc	ctcaggcttt	acagaaagag	ttaagaacat	12420
457	taaaacccaaa	gtcttttaaaa	gaaactaaag	aattaccaga	aggagggtgg	ttatgaaagt	12480
459	cacctactca	ttactgtgtt	cctattcctg	agctcataca	gaaaaatgct	cttattgaca	12540
461	actcttacca	ccagagggca	cagaaaacta	gttcttaaaa	ttggcagagt	attcttgatg	12600

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/723,518

DATE: 11/03/2004  
TIME: 16:12:26

Input Set : A:\Seq468ut.app  
Output Set: N:\CRF4\11032004\J723518.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:235; N Pos. 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/723,518

DATE: 11/03/2004

TIME: 16:12:26

Input Set : A:\Seq468ut.app

Output Set: N:\CRF4\11032004\J723518.raw

L:5682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0